**Breakdown:**

30% Writing Section

* 10% Background (genome, genes and alleles, mutations)
* 20% Description of what is happening with paper pets during each round (P, F1, F2, F3)

70% Paper Pets

* 40% Creation of generations (P-F3)
* 20% Punnett square sheets (F1-F3)
* 10% Genotype and phenotype included on the back of each paper pet

**What you will turn in:**

(Use this like a checklist. You may have to explain to your parents if you didn’t bring these things home)

* The paper pets themselves (P, F1, F2, F3)
  + Make sure the back of the pets have:
    - Your name
    - The chart
    - The generation (F1, F2, F3)
* The “trait worksheets” (the sheets with the Punnett squares)
* The “paper pet intro” (you don’t need to print this…you already shared with me)
  + This is 4 paragraphs total:
    - Two that you already wrote
    - *Two that you will write over the weekend (see homework at the bottom)*

**You do not need to turn in:**

* The homework reading sheets (“genome”, “genes and alleles”, and “mutations")
* Making a paper pet parent sheet (from the first day)

**Notes and Tips:**

* All of the Punnett square “cross” sheets are posted on this wiki
* If you lost a paper pet you can recreate one (you know the shape and size so even if you don’t have the template you can still cut one out and take care of it, right? Right.)
* Monday is for turning in work only. There will not be time to complete missing items

**Homework:**

* + In the google document that you have already started (and shared with me) *Write two paragraphs that explain the paper pet project*
    - How? Imagine your grandmother asks you what you have been doing in science? If you tell her “paper pets” she’s going to ask “what’s that?” You should talk about what you did each day. For example, what happened in each generation (how did your pet turn out and why? Did you get a mutation? Did you breed your paper pet with another one on purpose? If so, how did you choose, etc.?) *What else could you talk about?*